Index of Claims

Application/Control No.

Applicant(s)/Patent under Reexamination

10/539,330

KELLY ET AL.

Examiner

Simon A. Goetze

2631

| <b>√</b> | Rejected | _ | (Through numeral)<br>Cancelled | N | Non-Elected  | A | Appeal   |
|----------|----------|---|--------------------------------|---|--------------|---|----------|
| =        | Allowed  | ÷ | Restricted                     | _ | Interference | 0 | Objected |

| Cla           | Date     |         |          |          |  |                |                |              |  |          | Claim Date |     |          |          |          |          |          |          |          | aim      | Date          |          |          |            |              |          |          |          |          |   |          |          |           |
|---------------|----------|---------|----------|----------|--|----------------|----------------|--------------|--|----------|------------|-----|----------|----------|----------|----------|----------|----------|----------|----------|---------------|----------|----------|------------|--------------|----------|----------|----------|----------|---|----------|----------|-----------|
|               |          |         |          |          |  |                | Т              |              |  | Date     |            |     |          |          |          |          |          | J        | 21111    | -        | $\overline{}$ | _        | —        |            | <del>-</del> |          |          | _        |          |   |          |          |           |
| Final         | Original | 7/18/06 |          |          |  |                |                |              |  |          | Final      |     | Original |          |          |          |          |          |          |          |               |          | Final    | Original   |              |          |          |          |          |   |          |          |           |
|               | 1        | 1       |          | Ī        |  |                |                |              |  | П        |            | 15  | 1        |          |          |          | П        |          |          |          |               | $\neg$   |          | 101        | Г            |          | П        |          |          |   |          |          |           |
|               | 2        | 7       |          | Г        | Т                                      | Г              | T              |              |  |          |            |     | 2        |          |          |          |          |          |          |          | $\neg$        | 7        |          | 102        |              | Г        | T        | T        | $\vdash$ | Т   |          |          | П         |
|               | 3        | 7       | Г        | Π        | Т                                      |                | Τ              | П            |  | П        |            |     | 3        |          |          |          |          |          |          |          |               |          |          | 103        |              |          |          |          |          |   |          |          |           |
|               | 4        | 7       |          |          |  |                |                | Γ            |  |          |            | 1   | 4        |          |          |          |          |          |          |          |               |          |          | 104        | П            |          | Г        | Г        |          |   |          |          |           |
|               | 5        | 7       |          |          |  |                |                |              |  |          |            | 15  | 5        |          |          |          |          |          |          |          |               |          |          | 105        |              |          |          |          |          |   |          | П        |           |
|               | 6        | 7       |          |          |  |                |                |              | $\mathbb{L}_{-}$                                 |          |            |     | 6        |          |          |          |          |          |          |          |               |          |          | 106        |              |          |          |          |          |   |          |          |           |
|               | 7        | 7       |          | L        | L                                      |                |                | L            |  |          |            |     | 7        |          |          |          |          |          |          |          |               |          |          | 107        |              |          |          |          |          |   |          |          |           |
|               | 8        | 7       | <u> </u> | L        | L                                      |                |                |              |  |          |            |     | 8        |          |          |          |          |          |          |          |               |          |          | 108        |              |          |          |          |          |   |          |          |           |
|               | 9        | 7       | <u> </u> | L        |  |                |                | L            |  | Ш        |            |     | 9        |          |          |          |          |          |          |          |               |          |          | 109        |              |          |          |          |          |   |          |          |           |
|               | 10       | 7       | L        | L        | L                                      | L              | ┖              | L            | L  |          |            |     | 0        |          |          |          |          |          |          |          |               |          |          | 110        |              |          |          |          |          |   |          |          |           |
|               | 11       | 1       | _        | L        | L                                      | <u> </u>       |                | L            | L  | Ш        | <u> </u>   |     | 1        |          | _        |          |          |          |          |          |               | _        |          | 111        | <u> </u>     | Ш        | L        |          |          |   |          |          |           |
|               | 12       | 1       | L_       | L        | <u> </u>                               | $oxed{oxed}$   | _              | _            | L_   | Щ        | <u> </u>   |     | 2        |          | $\perp$  |          | Ш        |          | $\perp$  |          | _             | _        | <u></u>  | 112        |              |          | <u> </u> | _        |          | $ldsymbol{ld}}}}}}$ |          |          |           |
|               | 13       | 1       | <u> </u> | _        | ــــــــــــــــــــــــــــــــــــــ | ــــــ         | <b>L</b>       | _            | <u> </u>   | Щ        | L_         |     | 3        |          |          |          | Ш        |          |          | ļ        | $\perp$       | _        |          | 113        |              |          | L        | L_       |          | Ш   | Ш        | <u> </u> | Ш         |
|               | 14       | 7       | <u> </u> | L        | _                                      | L.             |                | <u> </u>     | $oxed{oxed}$                                     | Щ        | <u> </u>   |     | 4        | _        | _        |          |          |          |          |          |               | _        |          | 114        | L            |          | L_       | _        |          |   |          | <u></u>  | Ш         |
| Щ             | 15       | 1       | <u> </u> | <u> </u> | $\vdash$                               | <u> </u>       | ┞              | $\vdash$     | <u> </u>   | Щ        | <u> </u>   |     | 5        | _        |          | _        | Ш        |          |          |          | _             | _        | <u> </u> | 115        | <u> </u>     |          |          | _        | _        |   | Ш        | <u> </u> | Ш         |
|               | 16       | 7       | <u> </u> | _        | ₩                                      | ⊢              | ┞              | <del> </del> | <u> </u>   | Щ        | <u> </u>   |     | 6        |          | _        | _        | Щ        |          |          | _        | $\perp$       | 4        |          | 116        | <u> </u>     | L        |          | <u> </u> | _        | <u> </u>  | Ш        | <u> </u> | $\square$ |
|               | 17       | 1       | <u> </u> | ┡        | -                                      | ┞-             | $\vdash$       |              | L  | Ш        | <u> </u>   |     | 7        | _        | _        |          | <b> </b> |          |          | _        | $\perp$       | _        |          | 117        | <u> </u>     | Ш        |          | _        |          |   |          | _        | <u> </u>  |
| <b>  </b>     | 18       | 7       |          | <u> </u> | _                                      | <u> </u>       | _              | <u> </u>     | _  | Ш        | <u> </u>   |     | 8        | _        |          |          |          |          | _        | _        |               | 4        |          | 118        | <u> </u>     |          |          |          |          |   |          |          | $\square$ |
|               | 19       | 1       | _        | L        | _                                      | <u> </u>       | <del> </del> _ | _            | <u> </u>   | Ш        | <u> </u>   |     | 9        |          | _        |          |          |          | _        | _        | _             | 4        |          | 119        |              |          |          | ļ        | $\perp$  |   |          | Ĺ        | Ш         |
|               | 20       |         | ļ        | <u> </u> | ┡                                      | <u> </u>       | ┞              | <u> </u>     | <u> </u>   | Ц        | <u> </u>   |     | 0        | _        | [        |          |          |          | _        |          |               | _        | $\vdash$ | 120        |              |          | _        | _        | _        | L   |          | لـــا    | Ш         |
|               | 21       |         |          |          | ┞                                      | ⊢              | ⊢              | <u> </u>     | _  | Щ        | <u> </u>   |     | 1        |          |          | _        |          |          |          | _        | $\dashv$      | _        | $\vdash$ | 121        | L_           |          |          | _        |          | Ш   |          |          | Щ         |
| $\vdash$      | 22       |         | <u> </u> | _        | ⊢                                      | ⊢              | ┝              | ⊢            | _  | Н        |            |     | 2        | -        | $\dashv$ | _        | $\dashv$ | $\Box$   | _        | $\dashv$ | $\dashv$      |          | $\vdash$ | 122        |              | _        | _        |          | $\vdash$ | _   |          |          | Щ         |
|               | 23       |         | ┡—       | -        | ⊢                                      | ⊢              | ┝              | ├-           | ⊢  | $\dashv$ | -          |     | 3        | -        | -        | _        | $\dashv$ | _        | $\dashv$ | -        | -             | 4        | $\vdash$ | 123        |              |          |          |          |          | <u> </u>  |          |          | Щ         |
| <del></del>   | 24       |         | <u> </u> |          | ⊢                                      | ⊢              | ┝              | ⊢            | <u> </u>   | $\dashv$ | -          |     | 4        | -        | $\dashv$ | _        | $\dashv$ |          |          | -1       | +             | 4        | $\vdash$ | 124        | _            | -        | _        | L        | _        | Н   |          | $\vdash$ | Н         |
|               | 25<br>26 |         | -        | ┝        | -                                      |                | <del> </del>   | <u> </u>     | ⊢  | $\dashv$ | <u> </u>   |     | 5        |          |          | _        | $\vdash$ |          |          |          |               | 4        | $\vdash$ | 125        | _            | H        |          |          |          | Н   | $\dashv$ | _        | $\vdash$  |
| <del></del>   | 27       |         | _        | ⊢        | -                                      |                | ⊢              | ⊢            | -  |          | $\vdash$   | 17  | 6        | -        |          | -        | -        | $\dashv$ | -        | -        |               |          |          | 126<br>127 | -            | H        |          | _        |          |   |          | _        | $\dashv$  |
|               | 28       |         | -        | ┝        | ⊢                                      |                | ├              | <del> </del> | ⊢  | -        | -          |     |          | $\dashv$ |          | -        |          | $\dashv$ |          | $\dashv$ |               |          |          |            | _            | -        |          | $\vdash$ | _        | -   | -        |          | $\vdash$  |
| $\rightarrow$ | 29       |         | -        | -        | ├                                      | ├              | ├              | _            | $\vdash$   | $\dashv$ |            |     | 8<br>9   |          | -        | -        | -1       |          |          | $\dashv$ | -             | -        | -        | 128<br>129 |              |          |          |          |          |   | $\dashv$ | $\vdash$ | $\vdash$  |
|               | 30       |         | _        | $\vdash$ | ├                                      | ├              | ├              | -            | -  | -        | -          | 1 8 |          | -        | _        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +             | -        | $\vdash$ | 130        |              | Н        |          | -        |          | $\vdash$  | $\dashv$ | _        | -         |
|               | 31       |         |          | ⊢        | ⊢                                      | ┢              | ⊢              |              | ┝  | $\dashv$ | -          | 8   |          | -        | -        | $\dashv$ | $\dashv$ | -        | -        | -        | +             | -        |          | 131        | _            | Н        | $\vdash$ |          |          | Н   | -1       | -        |           |
| $\dashv$      | 32       |         |          | -        | ╁                                      | $\vdash$       | ┢              | -            | $\vdash$   | -        | -          | 18  |          | -        | +        | $\dashv$ | $\dashv$ | -        | -        | -        | $\dashv$      | $\dashv$ | H        | 132        | -            | Н        | -        | Н        |          | H   | $\dashv$ | -        | $\dashv$  |
| -+            | 33       |         | _        | ┝        | ┢                                      | <del> </del>   | $\vdash$       | ┢            | $\vdash$   | -        | -          | 8   |          | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +             | $\dashv$ | $\vdash$ | 133        | _            | Н        | _        | $\vdash$ | _        |   | -        |          | -         |
| $\dashv$      | 34       |         | _        | Н        | ┢                                      | <del> </del> — | <del> </del>   | -            | _  |          | $\vdash$   | 8   |          | +        | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ | -             | $\dashv$ | $\vdash$ | 134        |              | Н        |          |          |          | -   |          | -        | $\dashv$  |
| $\neg$        | 35       | _       | _        | _        | $\vdash$                               | _              | _              |              |  |          |            | 8   |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\neg$   | _             | -        | -        | 135        |              | Н        |          |          |          |   | -        | $\neg$   | $\exists$ |
|               | 36       |         |          |          |  |                | T              |              |  | $\dashv$ |            | 8   |          | _†       | ┪        | $\dashv$ |          | _        | 7        | -        | +             | ┪        | -        | 136        |              | H        |          |          |          | $\vdash$  | -        | _        | $\dashv$  |
|               | 37       | _       |          |          |  | $\vdash$       | Г              | ┢            | $\vdash$   | $\dashv$ |            | 18  |          | 寸        | $\dashv$ | ╗        |          | 一        | 一        | +        | $\dashv$      | ┪        |          | 137        | -            | Н        |          |          |          |   | $\neg$   | $\neg$   | $\neg$    |
| $\neg \neg$   | 38       | _       |          |          |  | _              | T              | m            | $\vdash$   | $\dashv$ |            | 8   |          | ヿ        | 7        | _        | _        | 寸        | 寸        | $\dashv$ | _             | 7        |          | 138        |              | Н        | -        |          |          |   |          |          | $\neg$    |
|               | 39       |         |          |          |  |                | $\vdash$       | П            | <del>                                     </del> | $\dashv$ |            | 8   |          | ┪        | _        | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ | +             | ┪        | $\vdash$ | 139        |              | Н        |          |          |          |   | $\dashv$ | $\neg$   | $\dashv$  |
|               | 40       |         |          |          |  |                |                | Г            |  | $\dashv$ |            |     | ŏ        | 寸        | 7        | $\dashv$ |          | 1        | $\dashv$ | 寸        | $\dashv$      | 7        | $\Box$   | 140        |              | $\vdash$ | $\vdash$ |          | $\neg$   | $\vdash$  | $\dashv$ |          | $\neg$    |
| $\neg \neg$   | 41       |         |          |          |  | $\vdash$       |                |              |  | $\dashv$ |            | 9   | 1        | 7        | 寸        | 7        | $\dashv$ | $\neg$   | $\dashv$ | 寸        | 十             | ┪        |          | 141        |              | П        | $\neg$   | $\vdash$ |          |   | $\neg$   | $\dashv$ | $\dashv$  |
|               | 42       |         |          |          |  | T              |                |              | П  | $\neg$   |            | 9   |          | 7        | 寸        | $\dashv$ | 寸        | $\neg$   | 7        | 7        | $\dashv$      | 7        |          | 142        |              | П        |          |          | $\neg$   |   | $\dashv$ | $\neg$   | $\dashv$  |
|               | 43       |         |          |          |  |                | Г              |              |  | $\neg$   |            | 9   |          |          | 寸        | ᅥ        |          | $\neg$   | 寸        | _        | _             | 7        |          | 143        |              |          |          |          |          | $\Box$  | 一        | $\neg$   | $\dashv$  |
|               | 44       |         |          |          | Г                                      |                | Π              |              |  |          |            | 9   |          | $\dashv$ | 7        | 寸        | 寸        | _†       | 寸        | T        | 寸             | 7        |          | 144        |              |          |          |          |          |   |          |          | ᅱ         |
|               | 45       |         |          |          |  |                | Γ              |              | П  | $\neg$   |            | 9   | 5        | $\dashv$ | $\dashv$ | $\dashv$ |          | $\neg$   | $\dashv$ | 7        | $\neg$        | 7        |          | 145        |              | П        |          |          |          |   |          |          | ᅥ         |
|               | 46       |         |          |          |  |                |                |              |  | ヿ        |            | 9   |          | 寸        | 寸        | $\neg$   | 寸        | $\neg$   | $\neg$   | 7        | $\neg$        |          |          | 146        |              |          |          |          |          |   | _        |          | ᅦ         |
|               | 47       |         |          |          |  |                |                |              |  |          |            | 9   | 7        | $\dashv$ | 7        | 寸        | $\neg$   |          |          | 7        |               | 7        |          | 147        |              | П        |          |          |          |   | ヿ        | $\neg$   | ヿ         |
|               | 48       |         |          |          |  |                |                |              |  |          |            | 9   | 8        | _†       |          | ╗        |          |          |          | _1       |               |          |          | 148        |              |          |          |          |          |   | 寸        | $\neg$   | $\neg$    |
|               | 49       |         |          |          |  |                |                |              |  |          |            | 9   | 9 T      |          | 丁        |          |          |          |          |          |               |          |          | 149        |              |          |          |          |          |   |          |          | $\Box$    |
|               | 50       |         |          |          |  |                |                |              |  |          |            | 10  | 00       |          | $\Box$   | J        |          |          | $\Box$   |          | I             |          |          | 150        |              |          |          |          |          |   |          |          |           |